

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket Number  
5308-79DVSerial Number  
To Be Assigned

09/529057,838

## LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicant: Van de Ven et al.

Filing Date: Concurrently herewith

4/9/98

Group

2674

## U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>km</i>	A	3,776,615	12-04-73	Tsukamoto et al.			
	B	4,180,813	12-25-79	Yoneda			
	C	4,368,963	01-18-83	Stolov			
	D	4,410,887	10-18-83	Stolov et al.			
	E	4,581,608	04-08-86	Aftergut et al.			
	F	4,712,878	12-15-87	Taniguchi et al.			
	G	4,716,403	12-29-87	Morozumi			
	H	4,799,050	01-17-89	Prince et al.			
	I	4,870,434	09-26-89	Sonehara			
	J	4,907,862	03-13-90	Suntola			
	K	4,918,497	04-17-90	Edmond			
	L	4,978,952	12-18-90	Irwin			
	M	4,992,704	02-12-91	Stinson			
	N	5,027,168	06-25-91	Edmond			
	O	5,063,421	11-05-91	Suzuki et al.			
	P	5,093,652	03-03-92	Bull et al.			
	Q	5,103,328	04-07-92	Numao			
	R	5,184,114	02-02-93	Brown			
	S	5,187,547	02-16-93	Niina et al.			
	T	5,243,204	09-07-93	Suzuki et al.			
	U	5,247,533	09-21-93	Okazaki et al.			
	V	5,273,933	12-28-93	Hatano et al.			
	W	5,290,393	03-01-94	Nakamura			
<i>km</i>	X	5,300,788	04-05-94	Fan et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes   No
<i>km</i>	Y	0 541 373		Europe			

EXAMINER

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<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office <b>LIST OF DOCUMENTS CITED BY APPLICANT</b> (Use several sheets if necessary)					Attorney Docket Number <b>5308-79DV</b>	Serial Number <i>09/057,658</i> <b>To Be Assigned</b>	
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					Filing Date Concurrently herewith <i>4/9/98</i>	Group <i>2674</i>	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>Xm</i>	Z	5,302,839	04-12-94	Kaise et al.			
	AA	5,306,662	04-26-94	Nakamura et al.			
	AB	5,307,359	04-26-94	Sarraf			
	AC	5,359,345	10-25-94	Hunter			
	AD	5,424,560	06-13-95	Norman et al.			
	AE	5,453,405	09-26-95	Fan et al.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>Xm</i>	AF	<i>Perfecting The Picture</i> , C. M. Apt, IEEE Spectrum, July 1985, pp. 60-66					
	AG	<i>InGaN/AlGaN Double-Heterostructure Blue LEDs</i> , S. Nakamura, Nichia Chemical Industries, Ltd., undated (6 pages)					
	AH	<i>Candela-Class High-Brightness InGaN/AlGaN Double-Heterostructure Blue-Light-Emitting Diodes</i> , S. Nakamura et al.; Appl. Phys. Lett. 64 (13), March, 1994, pp. 1687-1689					
	AI	<i>Light-Emitting Diodes Made From Silicon Carbide Bombarded With Fast Electrons</i> , Y. A. Vodakov et al., Sov. Phys. Semicond. 26 (11), November 1992, pp. 1041-1043					
	AJ	<i>Three-Color Blue-Green-Red Display Made From One Single Crystal</i> , V. A. Dmitriev et al., Sov. Tech. Phys. Lett. 12(5), May 1988, p. 221					
	AK	<i>Efficient Green-Emitting Silicon Carbide Diodes</i> , Y. A. Vodakov et al., Sov. Phys. Semicond. 26 (1), January 1992, pp. 59-61					
	AL	<i>Display Electronics</i> , K. Tracton, (First Edition 1/79), 1977, pp. 114-115					
	AM	<i>Toshiba LED Dot Matrix Modules Designer's Manual</i> (undated)					
<i>Xm</i>	AN	<i>Technical Literature for LED Dot Matrix Unit</i> , Model No. LT1550ED, Sharp Corporation Electronic Components Group, June 1994					
	AO						
	AP						
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Attorney Docket Number 5308.79DV	Serial No. 09/057,838
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		Applicants: Van de Ven, et al.	
		Filing Date April 9, 1998	Group <u>27742674</u>

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<i>km</i>	1	4,459,640	7/10/84	Latasiewicz et al.	345	206	
	2	4,771,274	9/13/88	Havel	345	83	
	3	4,772,886	9/20/88	Hasegawa	340	825.82	
	4	4,812,744	3/14/89	Havel	324	115	
	5	4,868,496	9/19/89	Havel	324	115	
	6	5,134,387	7/28/92	Smith et al.	340	701	
	7	5,278,542	1/11/94	Smith et al.	345	150	
	8	5,324,962	6/28/94	Komoto et al.	257	89	
	9	5,393,993	2/28/95	Edmond et al.	257	77	
<i>km</i>	10	5,450,301	9/12/95	Waltz et al.	362	231	
<i>km</i>	11	5,512,915	4/30/96	Leroux	345	55	

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		Document Number	Date	Country	Class	Subclass	Translation Yes   No
<i>km</i>	12	0303741A1 ✓	2/22/89	EPO	G09F 9/33	H01L 33/00	X
	13	0559124A1 ✓	9/8/93	EPO	G09F 9/33	—	X
	14	3837313A1 ✓	11/5/87	Germany	H09G 3/32	—	X
	15	05125028	11/8/94	Japan	H09G 3/32	H01L 33/00	X
	16	2176042A ✓	12/10/86	UK	G09G 3/32	—	X
<i>km</i>	17	06151974 ✓ Abstract	5/31/94	Japan	H01L 33/00	—	X
<i>km</i>	18	07Q15044 ✓ Abstract	1/17/95	Japan	H01L 33/00	—	X

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✓	19	07183576 Abstract	7/21/95	Japan	H01L 33/00	H01S 3/18 X	
✓	20	07283438 Abstract	10/27/95	Japan	H01L 33/00	G02F 1/015 X	
✓	21	07288341 Abstract	10/31/95	Japan	H01L 33/00		X
✓	22	07306659 Abstract	11/21/95	Japan	G09G 3/32	G09G 3/20 X	
✓	23	07311560 Abstract	11/28/95	Japan	G09G 3/32	G09G 3/20 X	
✓	24	07319427 Abstract	12/8/95	Japan	G09G 3/32	G09G 3/20 X	
✓	25	07335942 Abstract	12/22/95	Japan	H01L 33/00	G09F 9/33 X	
✓	26	08250767 Abstract	9/27/96	Japan	H01L 33/00	G02B 5/20 X	
✓	27	09090905 Abstract	4/4/97	Japan	G09G 3/32	H01L 33/00 X	
✓	28	09090906 Abstract	4/4/97	Japan	G09G 3/32	G09G 3/20 X	
✓	29	09162444 Abstract	6/2/97	Japan	H01L 33/00		X
✓	30	09197372 Abstract	7/31/97	Japan	G02F 1/133	G02F 1/133 X	
✓	31	09197373 Abstract	7/31/97	Japan	G02F 1/133	G02F 1/133 X	
✓	32	09197979 Abstract	7/31/97	Japan	G09F 9/30	G02F 1/13 X	
✓	33	09321341 Abstract	12/12/97	Japan	H01L 33/00	H01L 21/52 X	
✓	34	10004216 Abstract	6/1/98	Japan	H01L 33/00	H01L 23/48 X	
✓	35	10039793 Abstract	2/13/98	Japan	G09F 9/33	H01L 33/00 X	

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FOREIGN PATENT DOCUMENTS (CONTINUED)							
<u>K</u>	36	10093138 Abstract	4/10/98	Japan	H01L 33/00	—	X
<u>/</u>	37	10107322 Abstract	4/24/98	Japan	H01L 33/00	—	X
<u>/</u>	38	11003051 Abstract	1/6/99	Japan	G09F 9/33	H01L 33/00	X
<u>/</u>	39	11150300 Abstract	6/2/99	Japan	H01L 33/00	H01S 3/18	X
<u>K</u>	40	2000-047639 Abstract	2/18/00	Japan	G09G 003/32	—	X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<u>K</u>	41	Koga, K., et al., <i>RGB Multi-Color LED Dot-Matrix Units and Their Application to Large-Size Flat Displays</i> , <u>Optoelectronics-Devices and Technologies</u> , Vol. 7, No. 2, pp. 221-229 (December 1992)					
<u>/</u>	42	<i>Blue LED Produces 500-μW Output</i> , <u>Solid State Technology</u> , Vol. 38, No. 8, p. 30 (August 1995)					
<u>/</u>	43	Nakamura, Shuji, et al., <i>Superbright Green InGaN Single-Quantum-Well-Structure Light-emitting Diodes</i> , <u>Jpn. J. App. Phys.</u> , Vol. 34, Part 2, No. 10B, pp. L1332-L1335 (October 15, 1995)					
<u>K</u>	44	International Search Report for International Application No. PCT/US96/20200					

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